

| | | |
|--|----------------------|---------------------------|
| DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR § 1.63) <input checked="" type="checkbox"/> Declaration submitted with initial filing <input type="checkbox"/> Declaration submitted after initial filing surcharge required (37 CFR § 1.16(e)) | Attorney Docket No. | 076574.003 |
| | First Named Inventor | Philip Chu Wah Yip |
| | Application Number | NOT YET ASSIGNED |
| | Filing Date | HEREWITH |
| | Examiner Name | NOT YET ASSIGNED |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

| |
|---|
| <p align="center">APPROACH FOR TRAINING MODEM RECEIVER IN FAST TRAIN SIGNALING</p> |
|---|

the specification of which:

- ☒ is attached hereto, or
- ☐ was filed on (MM/DD/YYYY) _____ as United States Application Number or PCT International Application Number _____ and was amended on (MM/DD/YYYY) _____ (if applicable) .

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or (f), or § 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Numbers | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed | Certified Copy Attached YES NO |
|--------------------------------------|---------|-------------------------------------|----------------------------|--------------------------------------|
| | | | | |

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorneys and/or agents to prosecute the application identified above and to transact all business in the United States Patent and Trademark Office connected therewith.

Néstor Ho, Reg. No. 39,460

Andrew J. Dillon, Reg. No. 29,634;
Craig J. Yudell, Reg. No. 39,083;
Brian F. Russell, Reg. No. 40,796;
Antony P. Ng, Reg. No. 43,427;
Michael E. Noe, Jr., Reg. No. 44,975;
James E. Boice, Reg. No. 44,545.

Direct all correspondence to:

Antony P. Ng.
BRACEWELL & PATTERSON, L.L.P.
P.O. BOX 969
AUSTIN, TEXAS 78767-0969
Telephone: 512.472.7800
Fax: 512.472.9123

Customer Number: **28722**

Customer Number Bar Code Label:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|---|------------------------|---|------------------------------|
| NAME OF FIRST INVENTOR: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) PHILIP CHU WAH | | Family Name or Surname YIP | |
| Inventor's Signature: | | | Date: |
| Residence City AUSTIN | State TEXAS | Country U.S.A. | Citizenship U.S.A. |
| Mailing Address: 7406 NAPIER TRAIL | | | |
| City: AUSTIN | State: TEXAS | ZIP: 78729-7406 | Country: U.S.A. |

| | | | |
|--|------------------------|---|------------------------------|
| NAME OF SECOND INVENTOR: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) PAUL M. | | Family Name or Surname BROWN, JR. | |
| Inventor's Signature: | | | Date: |
| Residence City AUSTIN | State TEXAS | Country U.S.A. | Citizenship U.S.A. |
| Mailing Address: 511 BEARDSLEY LANE | | | |
| City: AUSTIN | State: TEXAS | ZIP: 78746 | Country: U.S.A. |

| | | | |
|--|------------------------|---|------------------------------|
| NAME OF THIRD INVENTOR: | | <input type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) BRIAN SCOTT | | Family Name or Surname MIRKIN | |
| Inventor's Signature: | | | Date: |
| Residence City AUSTIN | State TEXAS | Country U.S.A. | Citizenship U.S.A. |
| Mailing Address: 9108 TAYLORCREST CV. | | | |
| City: AUSTIN | State: TEXAS | ZIP: 78749 | Country: U.S.A. |